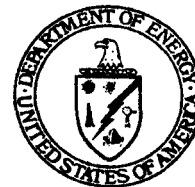




Department of Energy

Ohio Field Office
Fernald Area Office

P. O. Box 538705
Cincinnati, Ohio 45253-8705
(513) 648-3155



MAY 16 2002

Mr. James A. Saric, Remedial Project Manager
U.S. Environmental Protection Agency
Region V-SRF-5J
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

DOE-0481-02

Mr. Tom Schneider, Project Manager
Ohio Environmental Protection Agency
401 East 5th Street
Dayton, Ohio 45402-2911

Dear Mr. Saric and Mr. Schneider:

TRANSMITTAL OF DESIGN FOR REMEDIATION OF THE GREAT MIAMI AQUIFER; SOUTH FIELD PHASE II MODULE

Enclosed please find the subject design report for your review and approval. The enclosed updated design calls for fewer extraction and injection wells than was originally envisioned for the South Field Phase II Module in the 1997 Baseline Remedial Strategy Report. This is primarily due to reductions in the size and concentration of the uranium plume emanating from the Former Inactive Flyash Pile Area. Contributing factors to these reductions are:

- Source removal,
- Natural flow of clean groundwater from the west into the area,
- Infiltration of clean water through Paddys Run and through the deep source removal excavations, and;
- Remedial pumping of extraction wells downgradient of this area (more than 3.3 billion gallons have been pumped from the South Field Phase I Module extraction wells since startup in 1998)

Installation of the new extraction wells and injection well is being scheduled for this summer. Therefore, it is hoped that the locations of the wells can be agreed upon later this month. Once well locations are agreed upon, a Project Specific Plan (PSP) for the installation of the extraction/injection wells and associated monitoring wells will be forthcoming.

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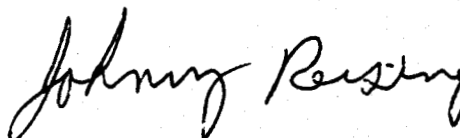
MAY 16 2002
DOE-0481-02

Mr. James A. Saric
Mr. Tom Schneider

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Should you have any questions regarding this transmittal, please contact Robert Janke at (513) 648-3124.

Sincerely,




Johnny W. Reising
Fernald Remedial Action
Project Manager

FEMP:Nickel

Enclosure: As Stated

cc w/enclosure:

R. J. Janke, OH/FEMP
K. Nickel, OH/FEMP
T. Schneider, OEPA-Dayton (three copies of enclosure)
G. Jablonowski, USEPA-V, SRF-5J
F. Bell, ATSDR
M. C. Wojciechowski, Tetra Tech
M. Shupe, HSI GeoTrans
R. Vandegrift, ODH


cc w/o enclosure:

R. Greenberg, EM-31/CLOV
N. Hallein, EM-31/CLOV
A. Tanner, OH/FEMP
D. Brettschneider, Fluor Fernald, Inc./MS52-5
D. Carr, Fluor Fernald, Inc./MS2
M. Frank, Fluor Fernald, Inc./MS90
T. Hagen, Fluor Fernald, Inc./MS65-2
W. Hertel, Fluor Fernald, Inc./MS52-5
S. Hinnefeld, Fluor Fernald, Inc./MS52-2
M. Jewett, Fluor Fernald, Inc./MS52-2
T. Walsh, Fluor Fernald, Inc./MS46
ECDC, Fluor Fernald, Inc./MS52-7

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